

C L A I M S

1. A polymer composition based on PVDF homopolymer and on fluorocopolymer(s), comprising, by weight :
  - (A) approximately from 60 to 80 % of at least one PVDF homopolymer;
  - (B) approximately from 20 to 40 % of at least one thermoplastic copolymer of vinylidene fluoride (VF<sub>2</sub>) and of at least one other fluoromonomer, present in this copolymer in weight proportions of approximately 5 to 25 %;
  - (C) approximately from 5 to 20 % [relative to the total weight of the polymers (A) and (B)] of a monomeric or polymeric plasticizer.
2. The composition according to Claim 1, in which the fluoromonomer is hexafluoropropylene, chlorotrifluoroethylene or trifluoroethylene.
3. The composition according to Claim 1, in which the copolymer exhibits a melt index (MFI at 230 °C and under 10 kg) lower than approximately 6 g/10 min.
4. The composition according to Claim 1, in which the plasticizer includes dibutyl sebacate.
5. The composition according to Claim 1, in which the plasticizer includes at least one polymeric polyester of adipic acid, of azelaic acid or of sebacic acid and of a diol, with a molecular mass of approximately 1500 to 5000.
6. A pipe including at least one layer consisting of a composition according to Claim 1.
7. A shaped article consisting totally or partially of a composition according to Claim 1.